

**Plague Transmission Diagram**

Transparency

**Flea Drinks Rat Blood  
That Carries Bacteria**



**Bacteria Multiply  
In Flea's Gut**



**Flea's Gut Becomes  
Clogged With Bacteria**



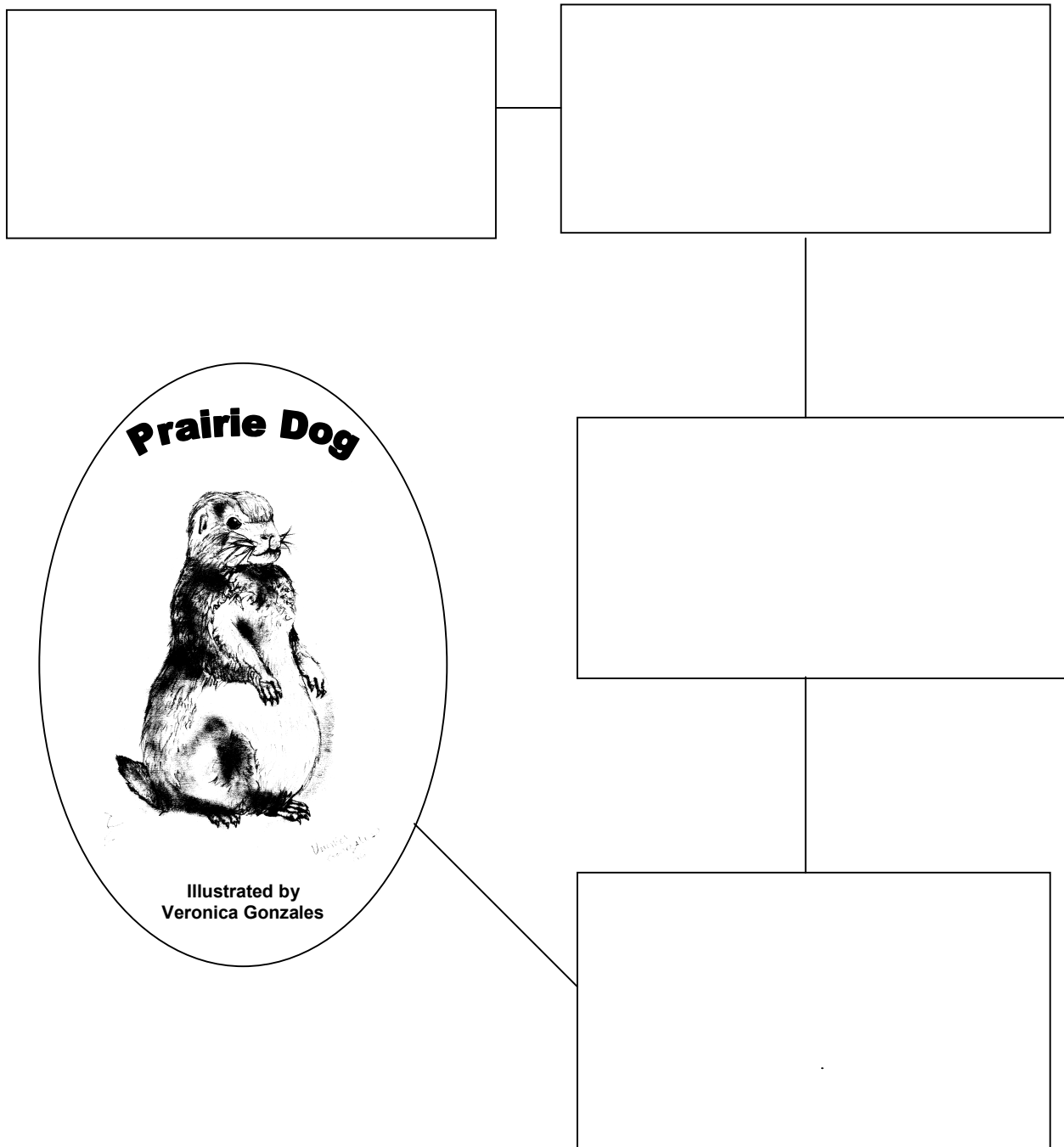
**Flea Bites Human  
And  
Regurgitates Infected  
Blood Into Wound**



**Human Is Infected**

**Plague Transmission Diagram**  
Work Sheet

**Label diagram to show how plague is transmitted from rodents to humans.**



**Tick Bite Prevention**  
Handout

- Avoid tick-infested areas when possible.
- Wear light-colored clothing so you can see ticks more easily.
- Wear long pants, long-sleeved shirt tucked in pants and hat or cap.
- Use duct-tape to tape pants to socks.
- Use repellent containing 10 to 30 percent DEET, and/or treat clothes and shoes with permethrin.
- Walk in the center of trails, avoiding overhanging grass, bushes and tree limbs.
- After being in the field, wash clothes and dry at high temperature.
- Inspect yourself for attached ticks.
- Carefully remove attached ticks by grasping tick as close as possible to your skin with fine tweezers while pulling straight up with a slow steady force. Apply disinfectant to bite and save tick in sealed container in case you become sick.